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I certify that the attached continuation-in-part patent application of Serial No. 09/024,867, filed February 17, 1998 of ROY C. CHALLBERG, LARRY E. FENNERN and RUSSELL M. FAWCETT for CORE CONFIGURATION FOR A NUCLEAR REACTOR (Attorney Docket No. 24-AT-6005) including:

- Nine (9) pages of specification; three (3) pages of claims; one (1) page of abstract
- Drawings (5 sheets)
- Declaration and Power of Attorney of Roy C. Challberg and Larry E. Fennern (2 pgs.); Declaration and Power of Attorney of Russell M. Fawcett (2 pgs.)
- Assignment of Roy C. Challberg and Larry E. Fennern (2 pgs.); Assignment of Russell M. Fawcett (2 pgs.) and Assignment Recordation Form (in duplicate) (1 pg.)
- Information Disclosure Statement (1 pg.); Information Disclosure Statement Transmittal (2 pgs.)(in triplicate), with Attachments AA-AF
- Utility Patent Application Transmittal (1 pg.)
- Fee Transmittal (in duplicate) (1 pg.)
- Certificate of Mailing Via Express Mail (1 pg.)
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.

Michael Tersillo Reg. No. 42,180

Armstrong Teasdale LLP

One Metropolitan Square, Suite 2600

Tesill

St. Louis, MO 63102 (314) 621-5070

PTO/SB/05 (2-98)

Please type a plus sign (+) inside this box ____

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Patent and Amark Office: U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 24-AT-6005 UTILITY First Named Inventor or Application Roy C. Challberg PATENT APPLICATION N Identifier C **TRANSMITTAL** CORE CONFIGURATION FOR A NUCLEAR REACTOR W Express Mail Label No. EL319729871US new nonprovisional applications under 37 CFR 1.53(b)) APPLICATION ELEMENTS Assistant Commissioner for Patents See MPEP chapter 600 concerning utility patent application contents. ADDRESS TO: Box Patent Application Washington, DC 20231 6. Microfiche Computer Program (Appendix) Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) [Total Pages | 13 Specification (Preferred arrangement set forth below) Computer Readable Copy - Descriptive title of the Invention Paper Copy (identical to computer copy) Cross References to Related Applications b. - Statement Regarding Fed sponsored R & D Statement verifying identity of above copies - Reference to Microfiche Appendix Background of the Invention - Brief Summary of the Invention **ACCOMPANYING APPLICATION PARTS** Brief Description of the Drawings (if filed) - Detailed Description X Assignment Papers (cover sheet & document(s)) - Claim(s) 9 37 CFR 3.73(b) Statement Power of Attorney - Abstract of the Disclosure (when there is an assignee) Drawing(s) (35 USC 113) [Total Sheets 10. English Translation Document (if applicable) X Information Disclosure Copies of IDS Oath or Declaration (Total Pages Statement (IDS)/PTO-1449 Citations 12. Preliminary Amendment ÷ Newly executed (original or copy) 13. Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) (Should be specifically itemized) (for continuation/divisional with Box 17 completed) Statement filed in prior application, Small Entity [Note Box 5 below] Statement(s) (PTO/SB/09-12) Status still proper and desired **DELETION OF INVENTOR(S)** Signed statement attached deleting inventor(s) named Certified Copy of Priority Document(s) (If foreign priority is claimed) in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Other: Express Mail Certificate Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the *NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein 17. CONTINUING APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional X Continuation-in-part (CIP) of prior application No: 09/024.867 Examiner: J. Keith Prior application information. Group/Art Unit: 3641 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below (Insert Customer No. ar Attach bar code label here) NAME John S. Beulick Armstrong Teasdale LLP **ADDRESS** One Metropolitan Square Suite 2600 CITY St. Louis STATE MO ZIP CODE 63102-2740 COUNTRY U.S.A TELEPHONE (314) 621-5070 FAX (314) 621-5065 Name (Print/type) Registration No. (Attorney/Agent) 42,180 Michael Tersillo Signature Date 6/lo/ 'eo

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FEE TRANSMITTAL		Complete If Known			
Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.		Application Number			
		Filing Date			
		First Named Inventor	Roy C. Challberg		
		Group Art Unit			
		Examiner Name			
TOTAL AMOUNT OF PAYMENT	(\$) 690.00	Attorney Docket Number	24-AT-6005		

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		DITION. Entity				
Deposit Account 01-2384	Fee Code		Fee Code	Fee (\$)	Fee Description Fee Paid	
Deposit Account	105 127	130 50	205 227	65 25	Surcharge - late filing fee or oath Surcharge-late provisional filing fee or cover sheet	
Name	139	130	139	130	Non-English specification	
Charge Any Additional Charge the Issue Fee Set in 37 CFR 1.16 at the Mailing of the Notice of Allowance	147 112	2,520 920*	147 112	2,520 920*	For filing a request for reexamination Requesting publication of SIR prior to Examiner action	
2. Payment Enclosed:	113	1,840*			Requesting publication of SIR after Examiner action	
Check Money Order Other	Money Order					
1. FILING FEE					Extension for reply within third month Extension for reply within fourth	
Large Entity Small Entity Fee Fee Fee Fee				•	Extension for reply within fifth month	
101 790 201 395 Utility filing fee 690.00	121	270	221	135	Request for oral hearing	
106 330 206 165 Design filing fee 107 540 207 270 Plant filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding	
108 790 208 395 Reissue filing fee	140	110	240	55	Petition to revive - unavoidable	
114 150 214 75 Provisional filing fee	141	1,320	241	660	Petition to revive - unintentional	
SUBTOTAL (1) (\$) 690.00	142 143	1,320 450	242 243	660 225	Utility issue fee (or reissue) Design issue fee	
	144	670	243	335	Plant issue fee	
2. CLAIMS	122	130	122	130	Petitions to the Commissioner	
Fee from Extra below Fee Pald	123	50	123	50	Petitions related to provisional applications	
Total Claims	126	240	126	240	Submission of Information	
Independent Claims 3 - 3 = 0 x = 0 Multiple Dependent Claims x =	581	40	581	40	Recording each patent assignment per property (times number of properties)	
Large Entity Small Entity Fee Fee Fee Fee	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
Code (\$) Code (\$) Fee Description 103 22 201 11 Claims in excess of 20	149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
02 82 202 41 Independent claims in excess of 3						
104 270 204 135 Multiple dependent claim 109 82 209 41 Reissue independent claims over original patent 110 22 210 11 Reissue claims in excess of 20 and over original						
patent *Reduced by Basic Filing Fe SUBTOTAL (2) (\$) -0-				Filing Fe	e Paid SUBTOTAL (3) (\$) -0-	
SUBMITTED BY					Complete (if applicable)	
Typed or Michael Tersillo Printed Name					Reg. Number 42,180	
Signature Michael I vaillo	Date	1/4	ه/ د	שר	Deposit Account User ID	

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